



Equipped with *AEM DRYFLOW* Filter
No Oil Required!

Kit Part Number: 21-8408

2007-2008 Toyota Tundra 5.7L V8

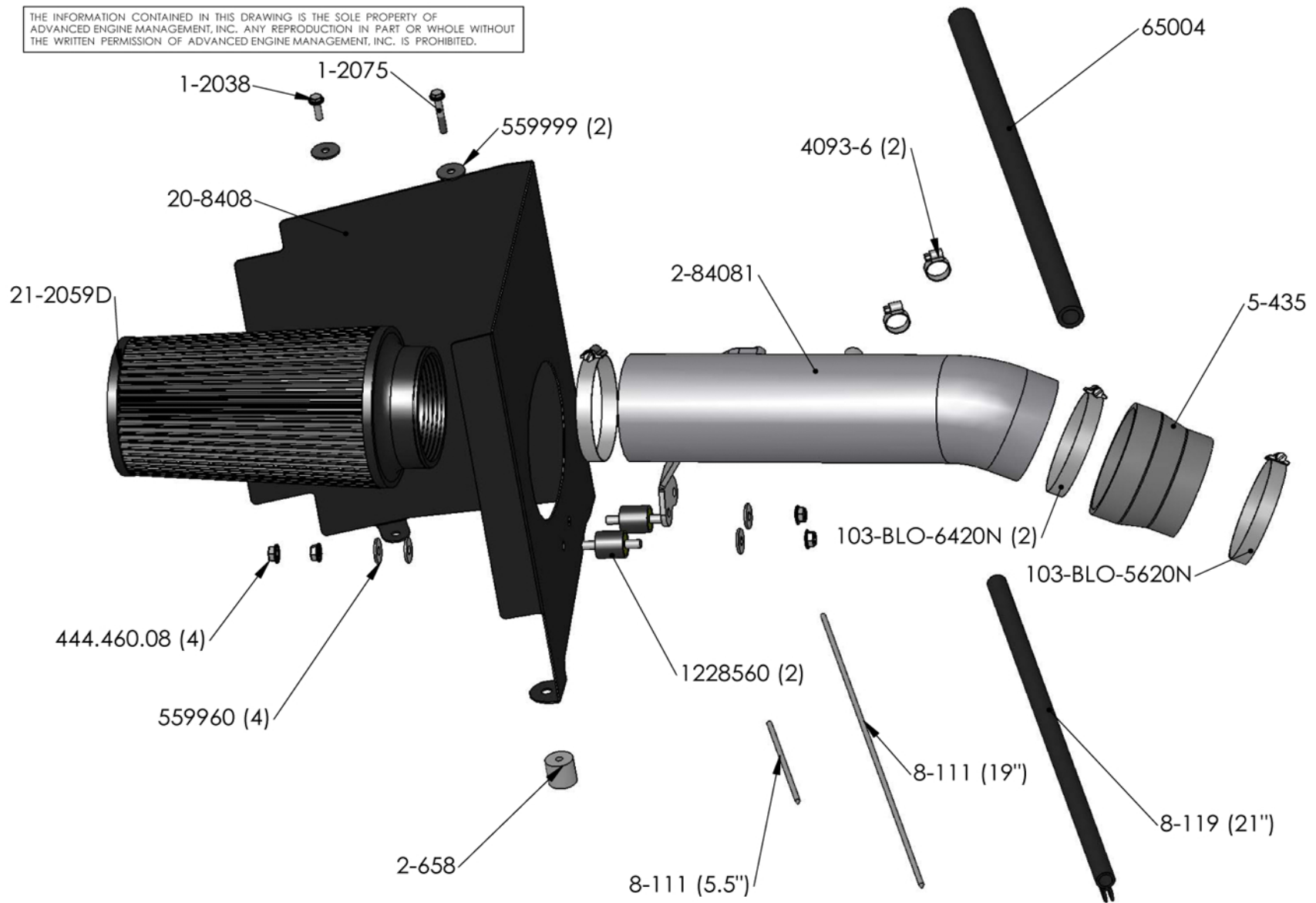
*Legal in California only for racing vehicles which may never be used upon a highway.

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BILL OF MATERIALS

10-8408	Instructions	1
20-8408	Heatshield	1
2-84081P	Intake Pipe	1
5-435	4.00/3.50x3" Coupler	1
103-BLO-6420N	#64 Hose Clamp	2
103-BLO-5620N	#56 Hose Clamp	1
2-658	Spacer	1
1228560	8mm Rubber Mount	2
1-2075	M6x40 Hex/Flange Bolt	1
559960	8mm Washer	4
559999	6mm Washer	2
444.460.08	8mm Serrated Nut	4
65004	Hose, 5/8ID	21
4093-6	Hose Clamp, 1 1/16" Narrow	2
1-2038	M6x25 Hex/Flange Bolt	1
10-922Y	AEM Decal	2
21-2059D	4.00" X 9.00" Dryflow Filter	1
8-111	Rubber Edge Trim	5.5
8-111	Rubber Edge Trim	19
8-119	Sponge Rubber Gasket	21

1. Preparing Vehicle

- a) Make sure vehicle is parked on a level surface.
- b) Set parking brake.
- c) If engine has run in the past two hours let it cool down.
- d) Disconnect the negative battery terminal
- e) Do not discard stock components after removal of the factory system.

2. Removal of Stock System



a) Stock intake system.



b) Remove the small hose located on the back of the intake resonator.



c) Pinch the hose clamp, and remove the larger hose from the stock intake resonator.



d) Release the zip tie from the air box lid. Then, unplug the mass air flow sensor plug from the sensor itself.



e) There are four clips securing the airbox lid to the lower part of the air box this is the first one.



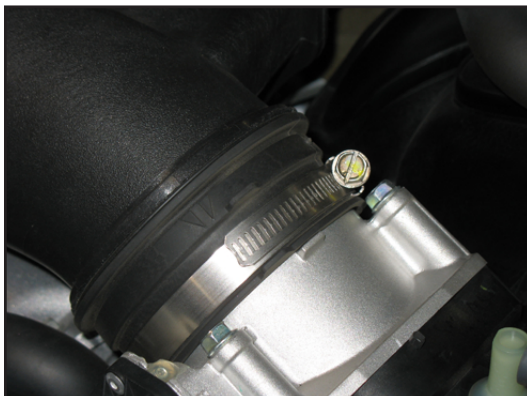
f) Clip two.



g) Clip three.



h) Clip four.



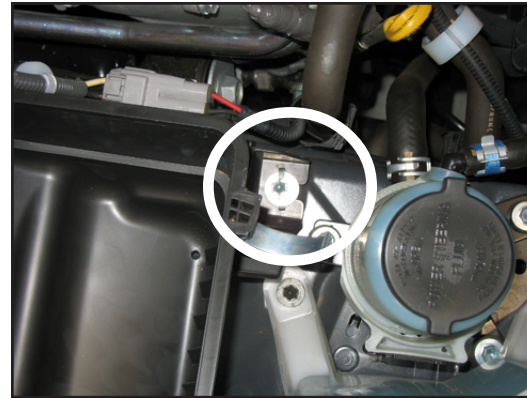
i) Loosen the hose clamp securing the stock inlet tube to the throttle body.



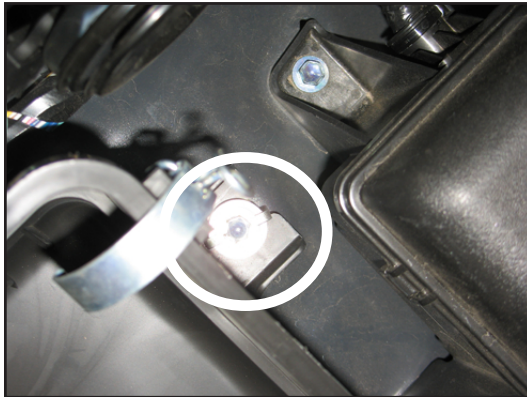
j) Remove the stock intake tube and the air box lid as an assembly.



k) Take out the stock air filter from the lower part of the air box.



l) Unscrew the two bolts that are securing the lower part of the air box. One is located in this picture the other is in the next steps picture.



m) This is the second bolt to the lower part of the air box.



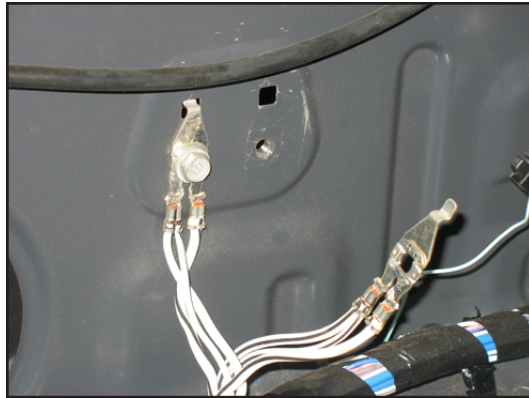
n) Stock intake system removed from engine bay.



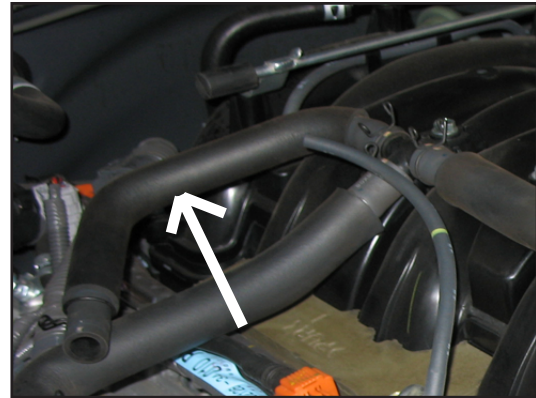
o) Remove the bolt securing the windshield washer fluid container.



p) Remove the ground bolt located nearest the firewall on the passenger fender.



q) Pull ground strap away from the truck.



r) Remove the larger stock breather hose completely from the vehicle.

3. Installation of Brute Force Intake

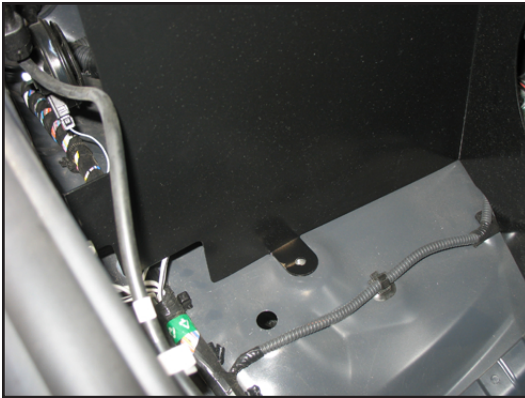
a) When installing the intake system, do not completely tighten the hose clamps or mounting tab hardware until told to do so.



b) Install the supplied spacer over the windshield washer fluid container support.



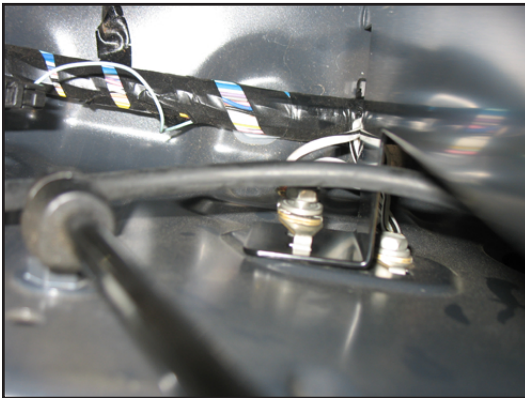
c) Insert the heatshield in the vehicle and line up the hole in the heatshield with the spacer installed in step 3(b).



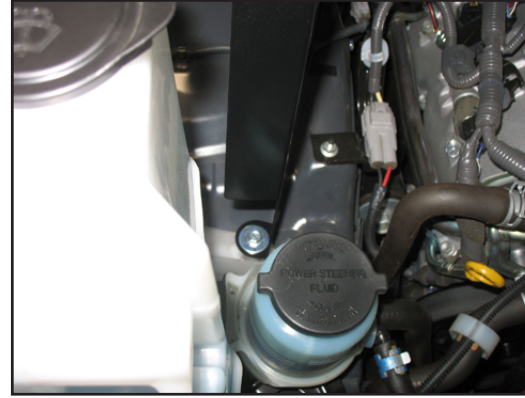
d) Line up the second hole with the hold in the fender well of truck. Keep the heatshield in place by installing the supplied bolt and washer.



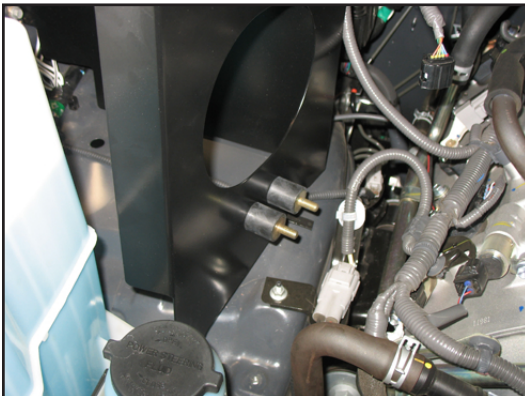
c) The third mounting location will be where the ground strap was secured to the truck.



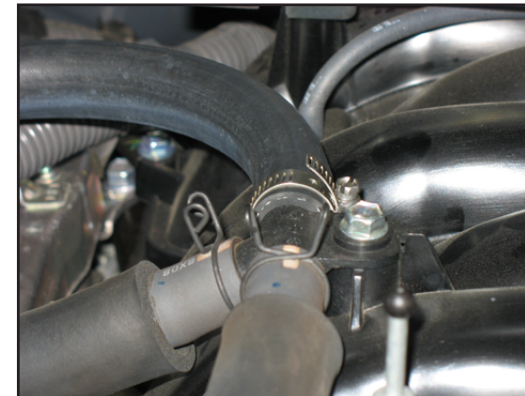
e) Re-install the ground strap using the stock bolt.



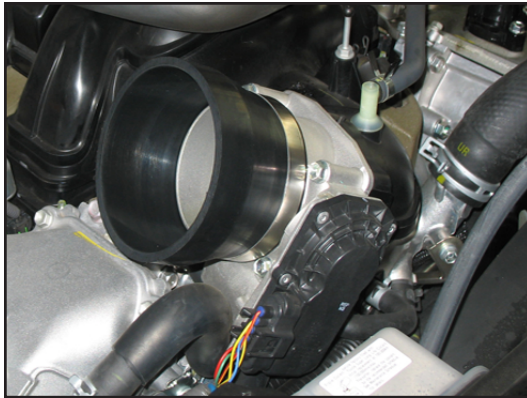
f) Use the longer supplied bolt and washer to secure the heatshield to the truck. Guide the bolt through the heatshield, spacer, and windshield washer fluid bottle support.



g) Install the two supplied rubber mounts, with the supplied washers and serrated nuts.



h) Install the supplied 5/8" hose on the stock nipple and secure it with the supplied hose clamp.



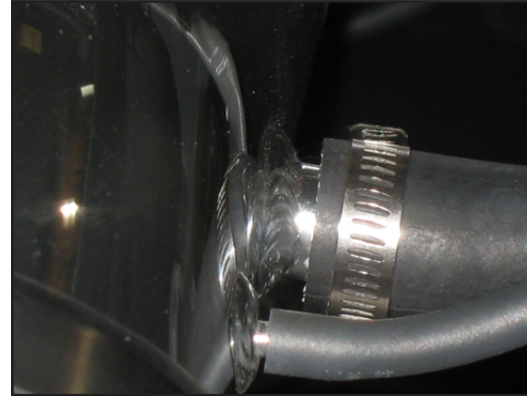
i) Install the supplied reducer coupler to the throttle body using the supplied hose clamp.



j) Remove the MAF sensor from the stock intake tube and re-install it directly in the AEM Brute Force intake tube. Use the stock screws to secure the sensor to the pipe.



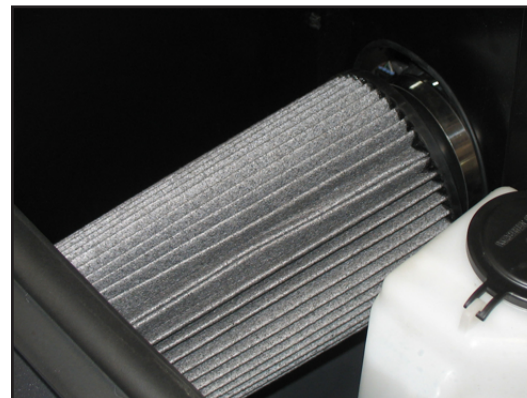
k) Insert the intake pipe in the reducing coupler and align the bracket with the two rubber mounts. Secure the pipe with the supplied hose clamp for the coupler and the washers and serrated nuts for the bracket.



l) Route the 5/8" breather hose installed in step 3(h) to the intake pipe and secure it with the supplied hose clamp. The stock 5/32" hose should slide snugly onto the small nipple on the intake pipe.



m) Push in the stock tree mount zip tie into the heatshield slot, and re-plug in the MAF wiring harness to the MAF sensor now installed in the pipe.



n) Install the supplied edge trim around the heatshield opening. Then, install the dryflow filter on the intake pipe and secure it with the supplied hose clamp.



o) Slide the supplied sponge gasket on the top of the heatshield edges as shown.



Stock Intake System



AEM BFS Intake Installed

4. Re-assemble Vehicle

- a) Position the inlet pipes for the best fitment. Be sure that the pipes or any other components do not contact any part of the vehicle. Tighten the rubber mount, all bolts and hose clamps.
- b) Check for proper hood clearance. Re-adjust pipes if necessary and re-tighten them.
- c) Re-connect the negative battery terminal.
- d) Inspect the engine bay for any loose tools and check that all fasteners that were moved or removed are properly tightened.
- e) Start engine. Let car idle for 3 minutes. Perform a final inspection before driving the vehicle.

5. Service and Maintenance

- a) It is recommended that you service your AEM Dryflow filter every 20,000 miles for optimum performance. Use AEM Dryflow cleaning kit part # 21-110.
- b) Use aluminum polish to clean your polished AEM Brute Force intake pipe.
- c) Use window cleaner to clean your powder coated AEM Brute Force intake pipe. **(NOTE: DO NOT USE Aluminum polish on a powder coated AEM Brute Force intake pipe)**

**For technical inquiries
e-mail us at
tech@aempower.com
or
call us at
310.484.2322 Option # 3**

AEM Air Intake System Warranty Policy

AEM warrants that its intake systems will last for the life of your vehicle. AEM will not honor this warranty due to mechanical damage (i.e. improper installation or fitment), damage from misuse, accidents or flying debris. AEM will not warrant its powdercoating if the finish has been cleaned with a hydrocarbon-based solvent. The powdercoating should only be cleaned with a mild soap and water solution. Proof of purchase of both the vehicle and AEM intake system is required for redemption of a warranty claim.

This warranty is limited to the repair or replacement of the AEM part. In no event shall this warranty exceed the original purchase price of the AEM part nor shall AEM be responsible for special, incidental or consequential damages or cost incurred due to the failure of this product. Warranty claims to AEM must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is non-transferable. Improper use or installation, use for racing, accident, abuse, unauthorized repairs or alterations voids this warranty. AEM disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by AEM. Warranty returns will only be accepted by AEM when accompanied by a valid Return Merchandise Authorization (RMA) number. Credit for defective products will be issued pending inspection. Product must be received by AEM within 30 days of the date RMA is issued.

If you have a warranty issue, please call (310) 484-2322, extension 203 and our customer service department will assist you. A proof of purchase is required for all AEM warranty claims.